



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Tuesday, April 14, 2015

Issued: 0800 CT

Day 1 Hazards: Heavy rainfall may lead to areas of flash flooding for the TX/LA coasts

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Mark Wiley
817-978-1100 x 147

Key Points



Today

- Areas of flash flooding possible over south/southeast TX into southern half of LA
- Marginal risk of severe weather over the same areas
 - Possibility for marginally severe wind gusts and hail.

Wednesday-Thursday

- Critical fire weather threat over NE NM and the western TX/OK Panhandles on Wednesday
- Marginal severe weather threat from OK Panhandle southward into SW TX Wednesday
- Marginal severe weather threat for much of TX on Thursday
- Flash flooding possible over SE TX into southern LA Thursday






Friday-Saturday

- Flash flood threat continues over SE LA on Friday
- No significant weather expected Saturday

*FEMA Region 6 Threat Matrix

Apr 14, 2015 - Apr 18, 2015

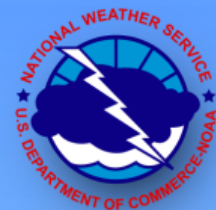
DAY/ THREAT	TUE	WED	THU	FRI	SAT
Severe Storms	TX Coast/ LA	E NM, TX/OK Panhandles, W TX	TX		
Heavy Rain /Flooding	S TX, S LA		SE TX/S LA	SE LA	
Fire		NE NM, OK/TX Panhandles			

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



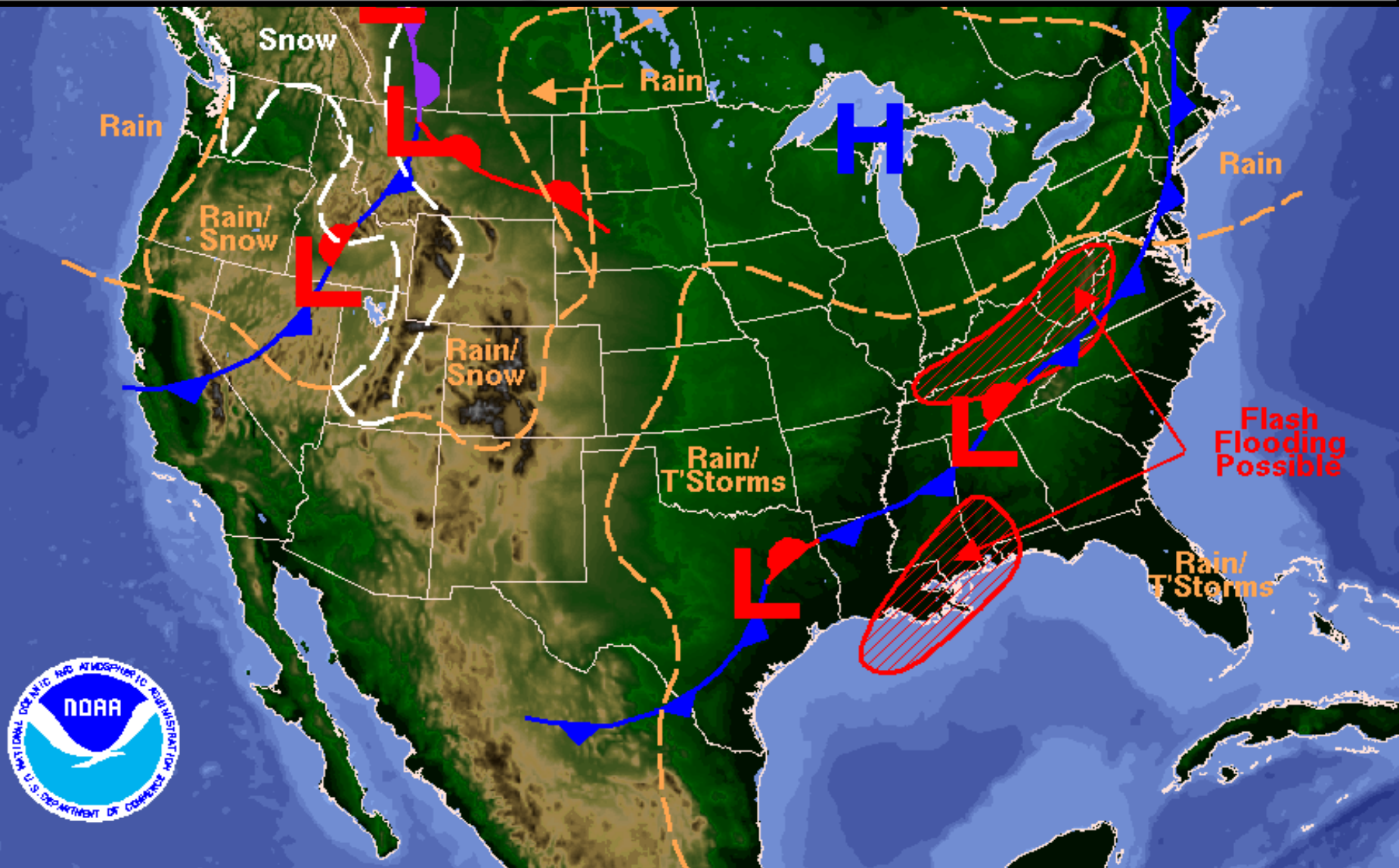
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

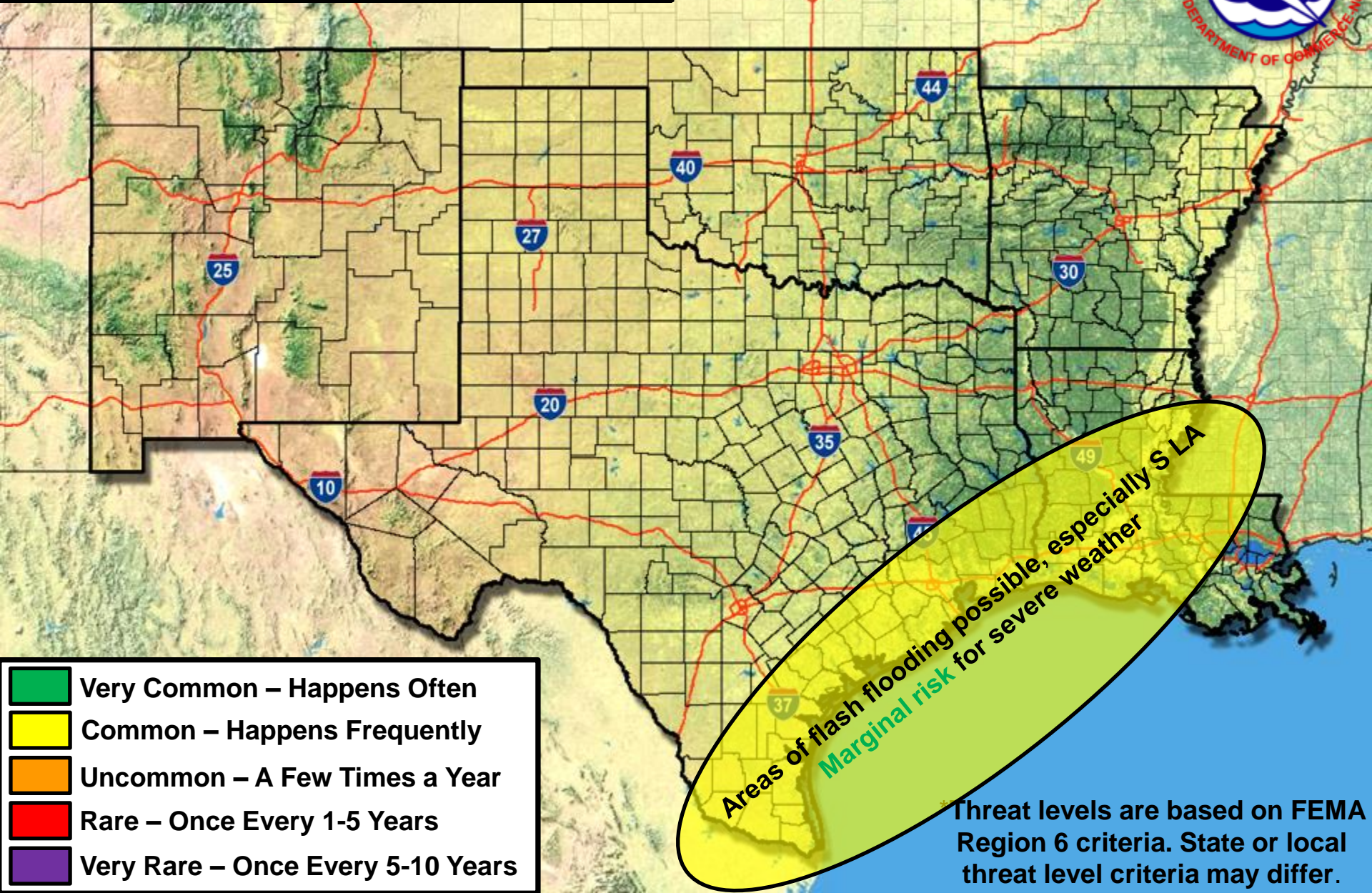
Today's Weather








Weather Forecast for Tue, Apr 14, 2015, issued 3:14 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

Valid: 0800 Tue - 0800 Wed



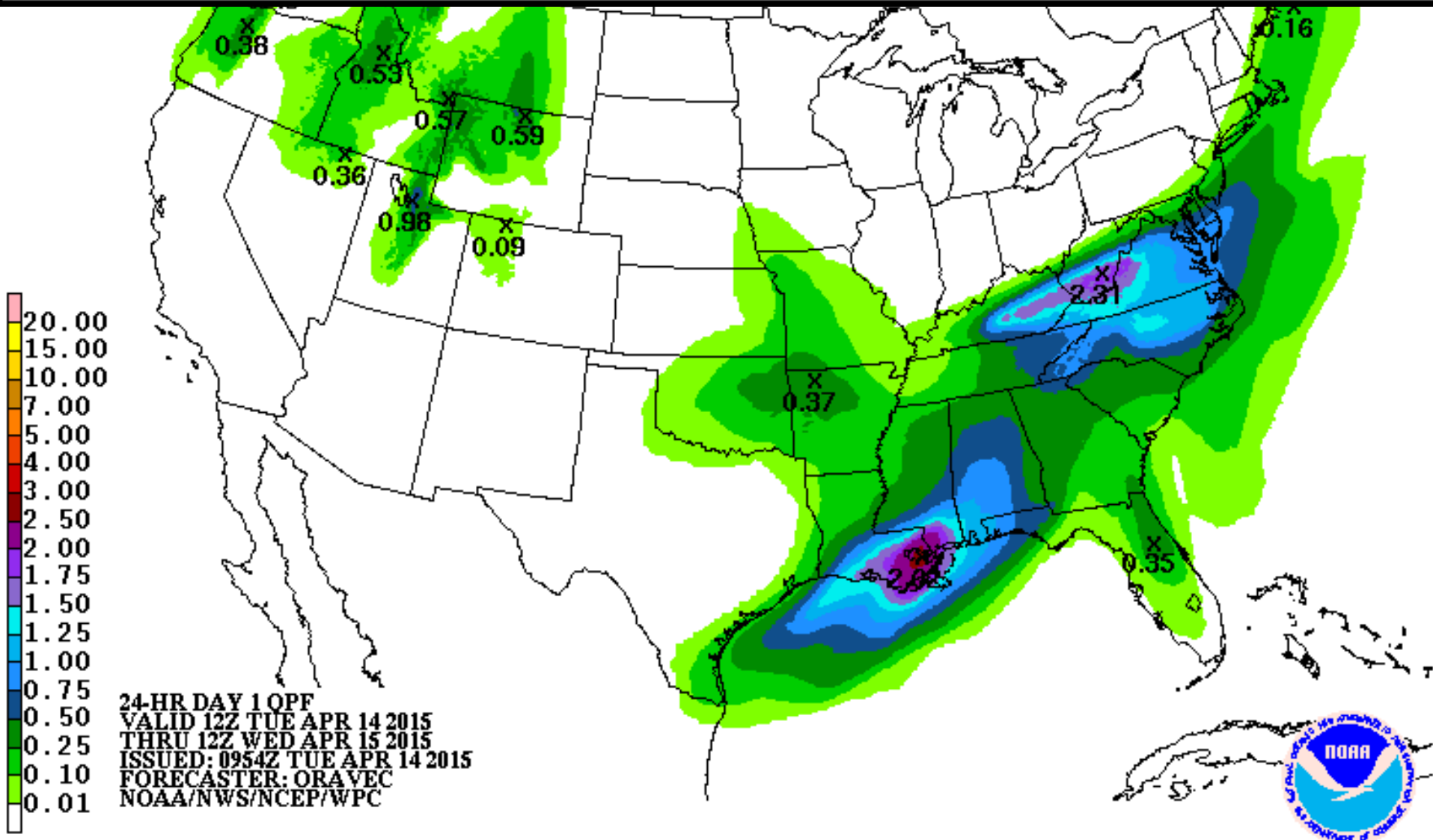
	Very Common – Happens Often
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Areas of flash flooding possible, especially S LA
Marginal risk for severe weather

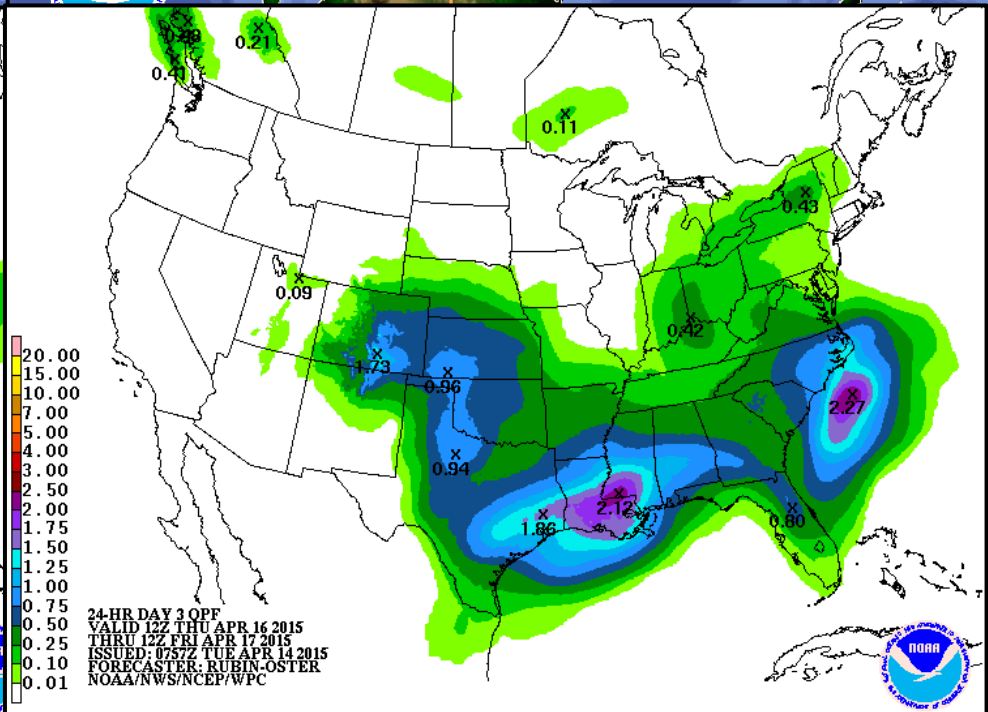
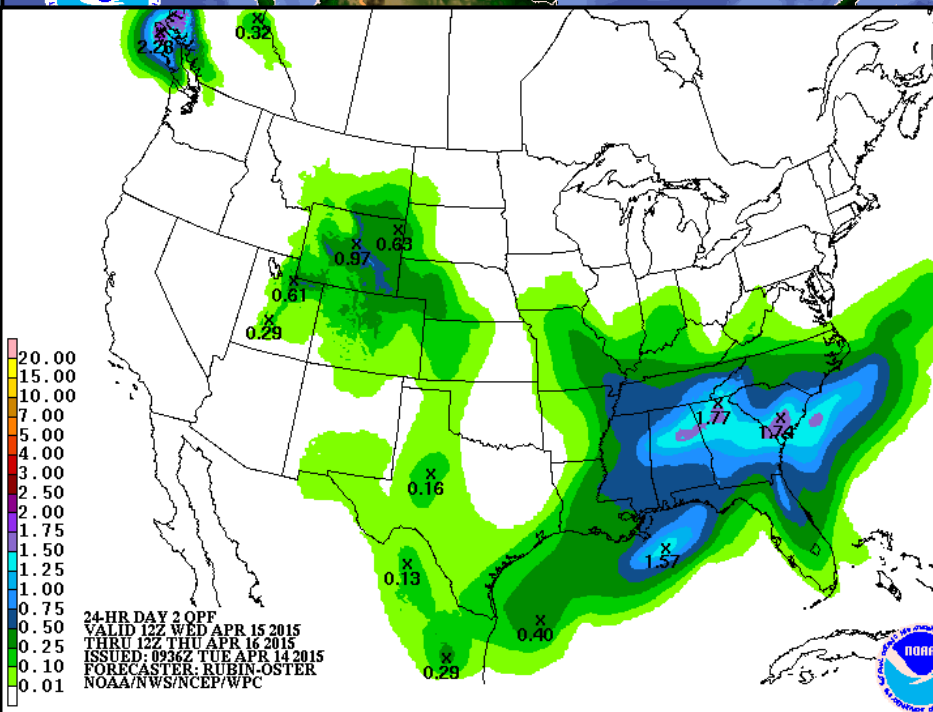
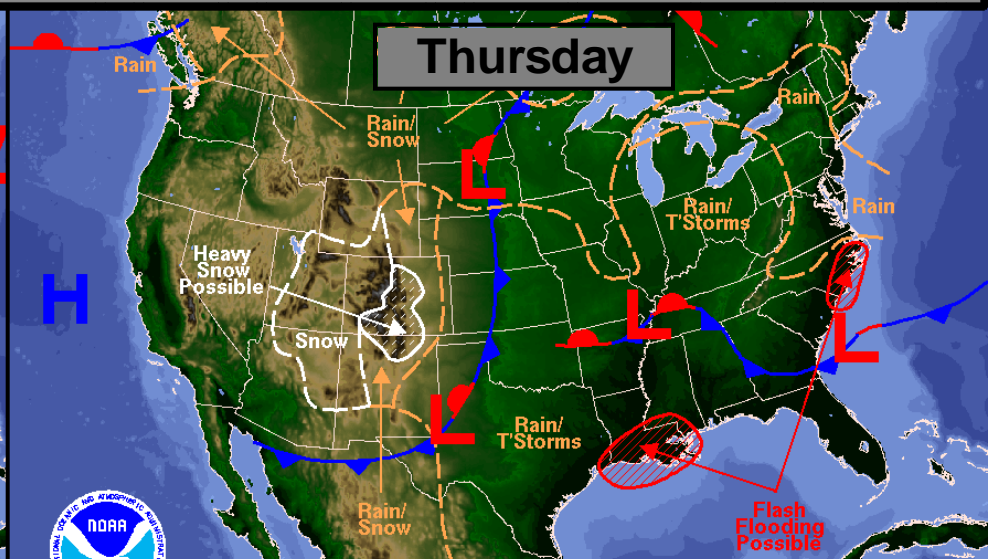
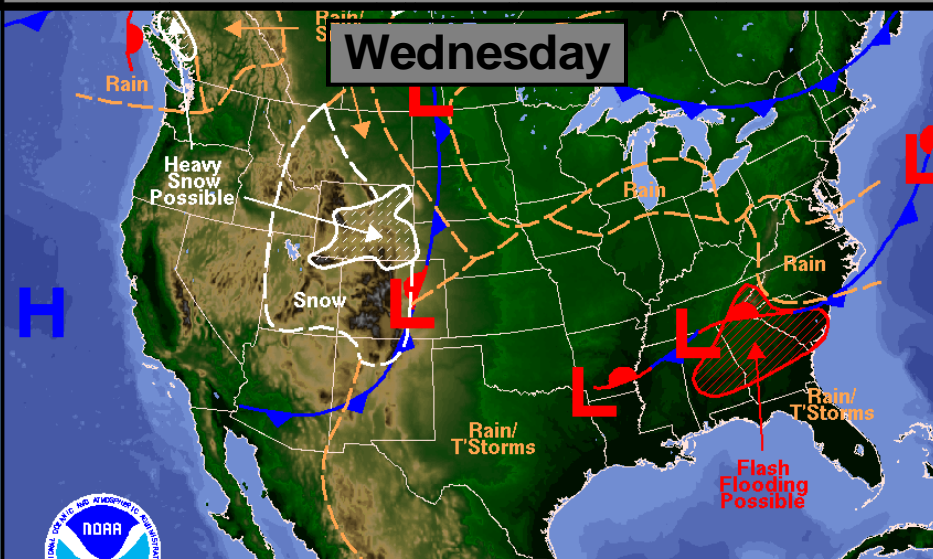
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Today's Precipitation

Tue AM - Wed AM

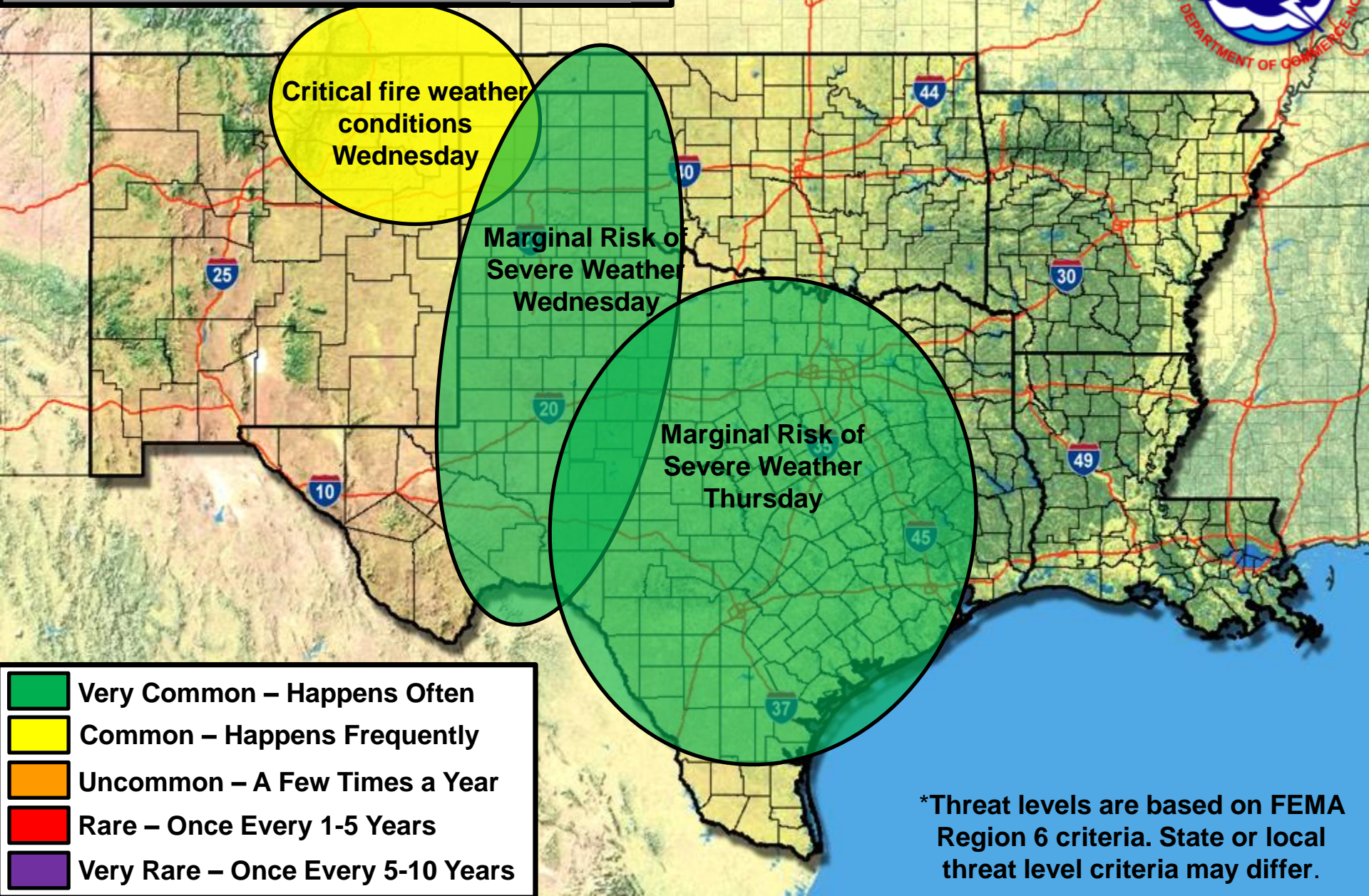


Day 2-3 Weather Maps/Precipitation



Day 2-3 Weather Hazards






Valid: 0800 Wed - 0800 Fri



**Critical fire weather
conditions
Wednesday**

**Marginal Risk of
Severe Weather
Wednesday**

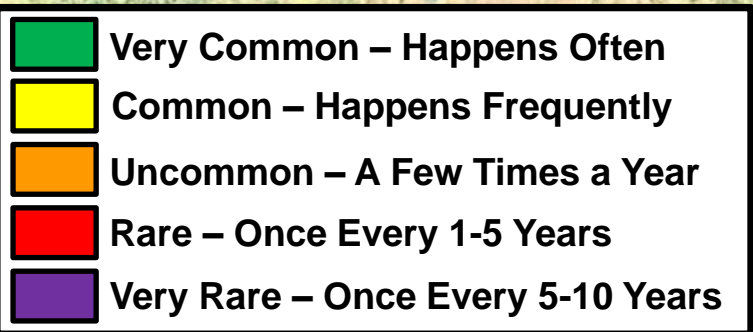
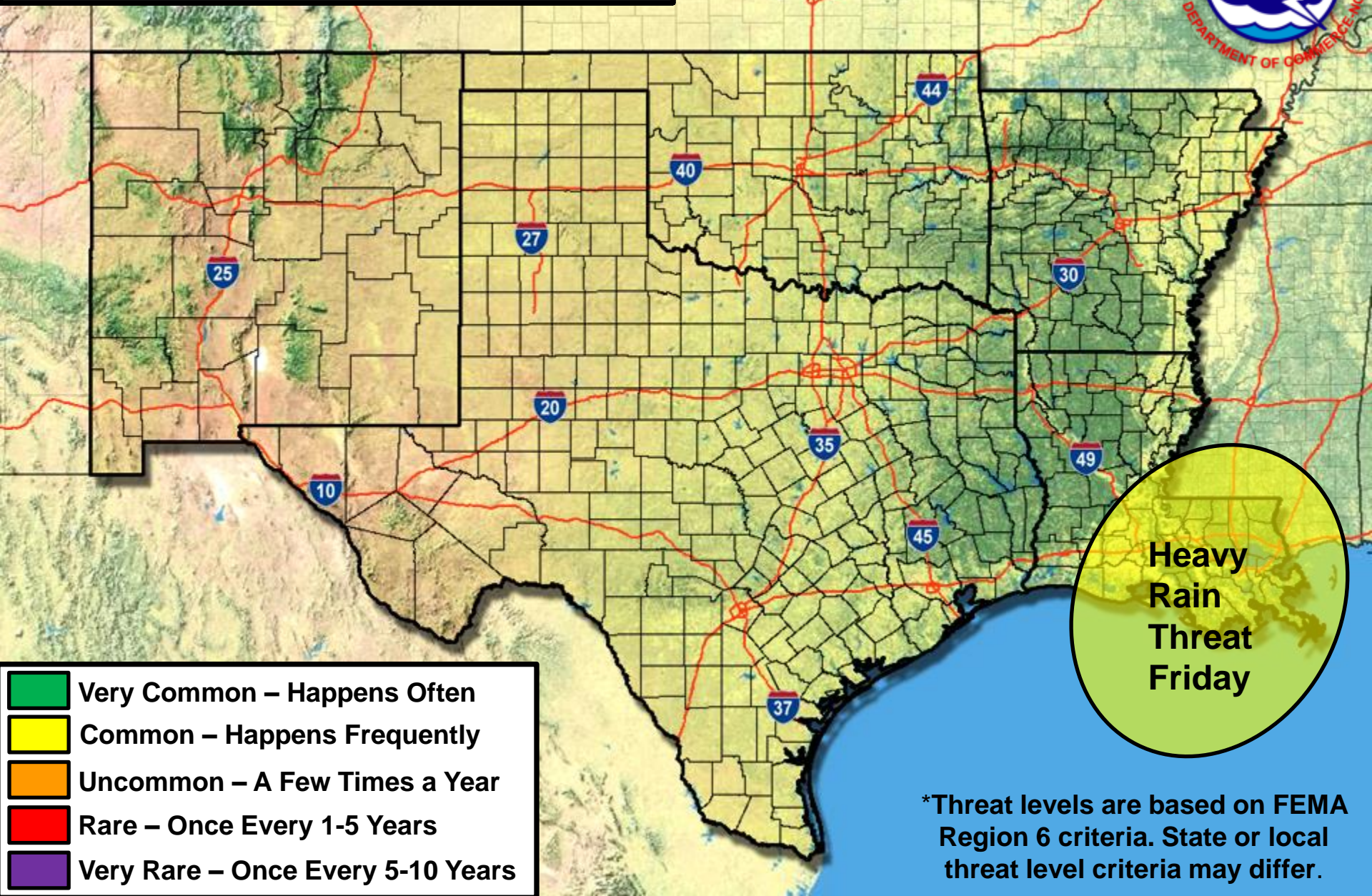
**Marginal Risk of
Severe Weather
Thursday**

	Very Common – Happens Often
	Common – Happens Frequently
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	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

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Day 4-5 Weather Hazards

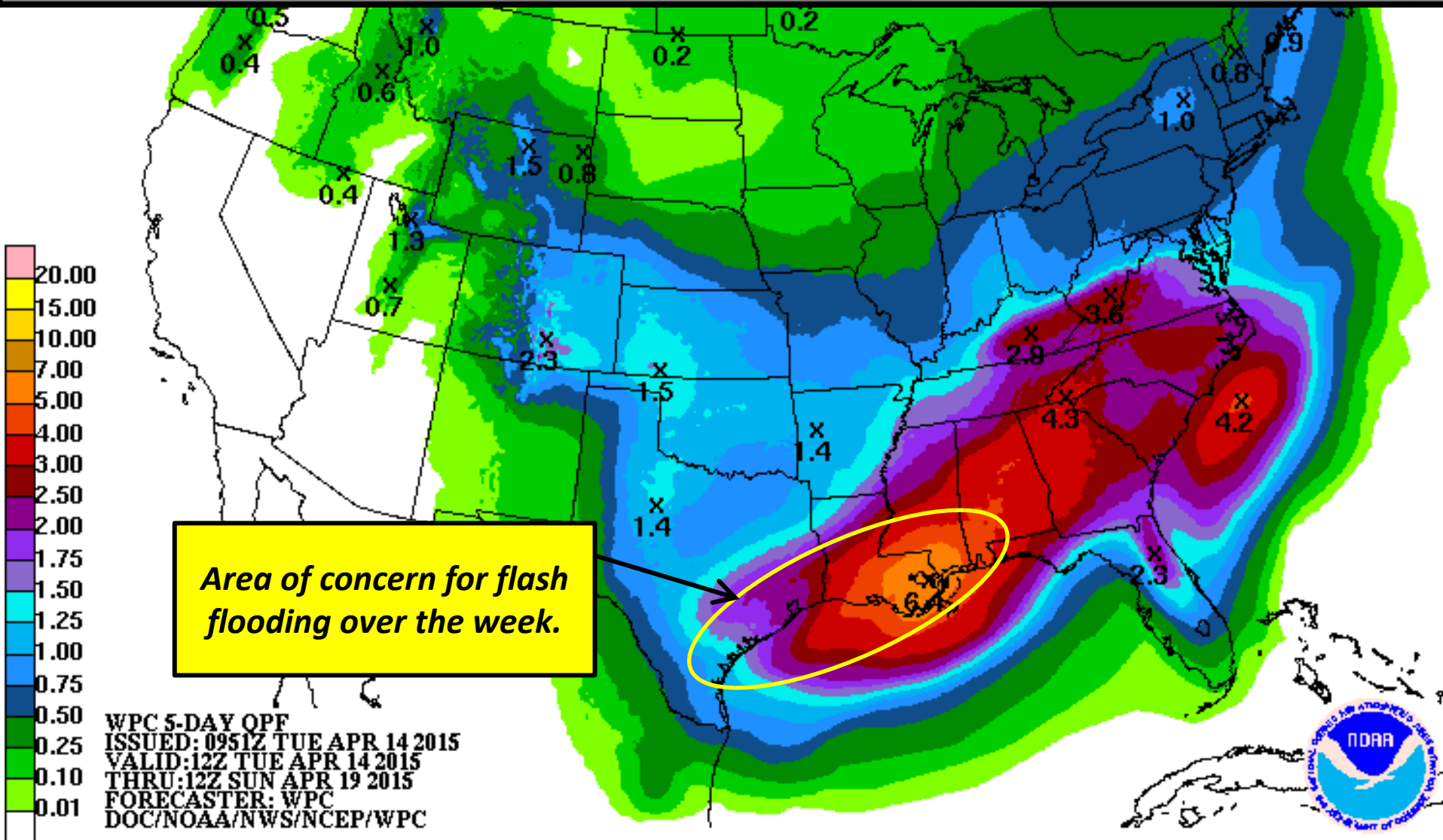
Valid: 0800 Fri - 0800 Sun



*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

5-Day Precipitation

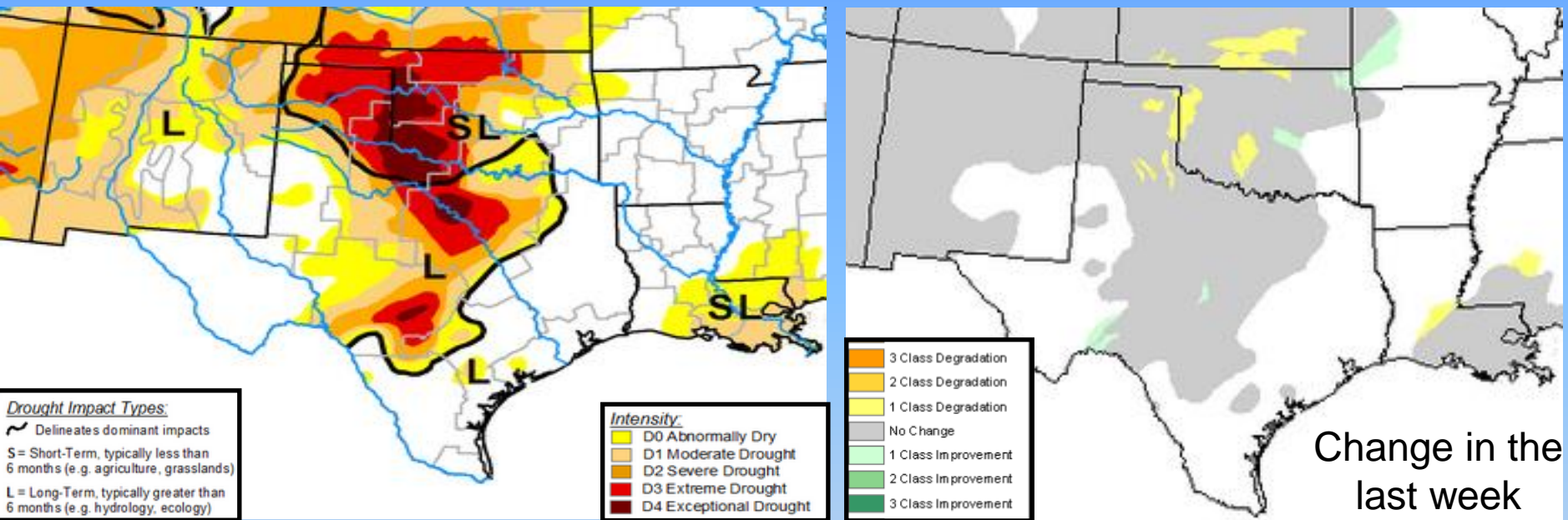
Tue AM - Sun AM





Drought Monitor Released April 9th, 2015

Data valid as of Tuesday, April 7th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	39.72%	37.38%	10.72%	27.60%
Texas	15.46%	15.10%	22.35%	26.39%
New Mexico	0.00%	0.00%	3.70%	24.62%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

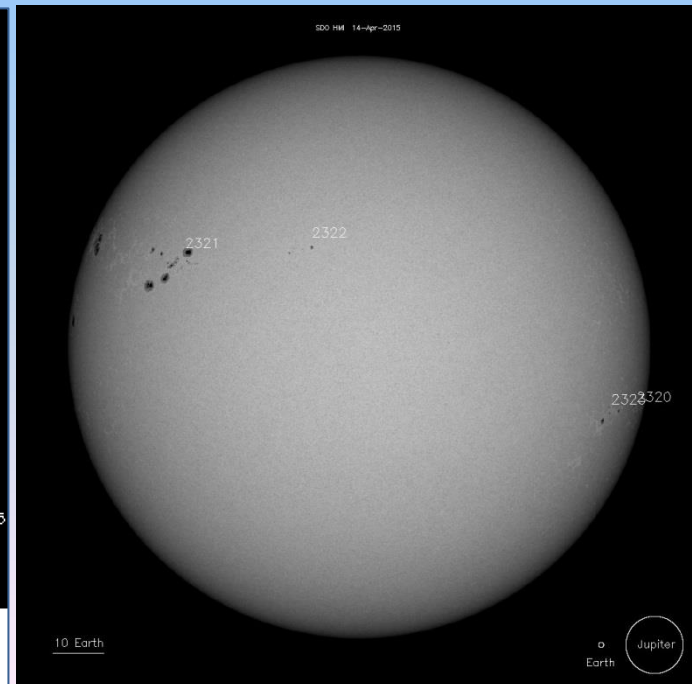
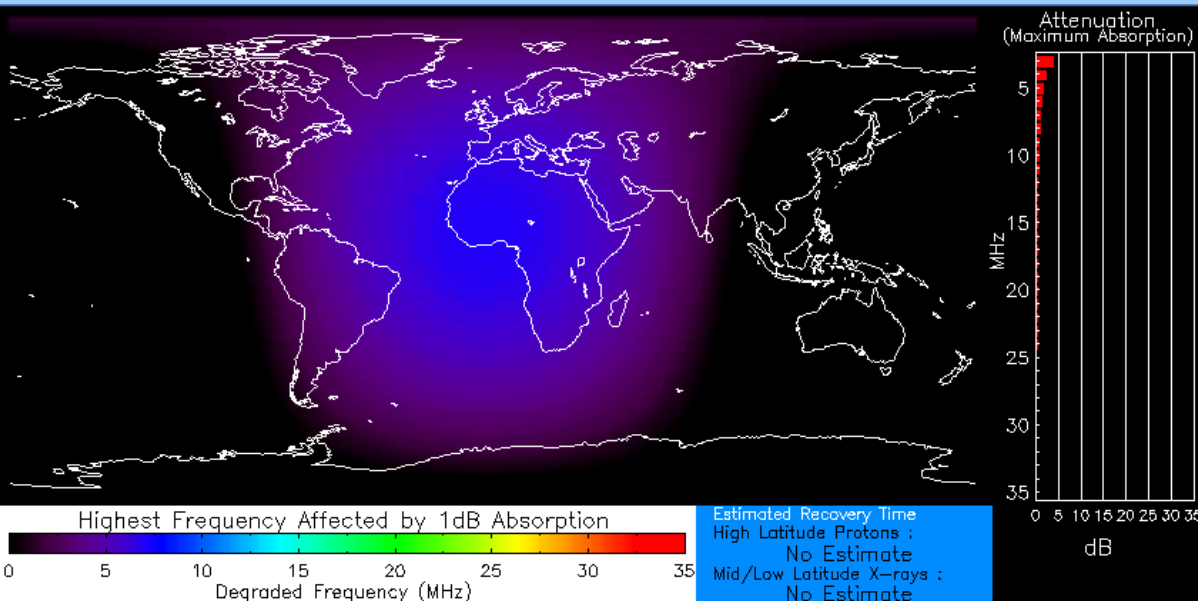
Space Weather 3-Day Forecast



	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet (Max Kp = 2)	Unsettled to Active (Max Kp = 4)	Unsettled to Minor Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	55%	55%	55%
Radio Blackout (R3-R5)	20%	20%	%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
 Product Valid At : 2015-04-14 12:10 UTC

Normal Proton Background
 NOAA/SWPC Boulder, CO USA

Information provided by:



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Web: <http://www.srh.noaa.gov>

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